BUILDING and WIRING DESIGN CHECKLIST

Version 2.1 February 12, 2001

Background Data:

Date Requesting _____

District Name _____

School Name _____

School Size (ADA) _____

Number of Classrooms _____

Number of Student data drops _____

Number of teacher drops Voice _____ **Data** _____ **Video** _____

Number of Wiring closets CDF _____ **MDF** _____ **IDF** _____

Number of Shared resource Data drops (Fileservers, Printers, ect.) _____

(Circle or highlight one below)

New Construction	**Renovation / Addition**
Additonal Wiring (for existing LAN)	**Replacement / Upgrade**

Amount of EDTECH FUNDS requested $ _____

Using LOCAL FUNDS only? Y or N (circle or highlight one)

List each item with description and amount. (Use separate sheet if needed or Excel worksheet):

Does this Design Reduce UNMET need?

List items that don't meet full KETS standards (use separate sheet if needed)

Existing cable systems in building:

Data cable type _____ (UTP, Coax, Token Ring Type 1,2,3)

Data connectors type _____

Fiber and connectors type _____

Video Cable type and connectors type _____

Voice Cable type and connectors type _____

Voice or data connect blocks type _____

Voice, Data or Video layout diagrams available?

Using existing Data, Voice, and Video Distribution systems?

List type of distribution system (e.g. conduit, ducts, O-rings, ladders):

Existing Distributions Diagrams available to Engineer? Y or N

Existing Voice system?

Power layout diagram available to Engineer?

Mechanical Layout Diagram available to Engineer?

Campus or Single Building network design?

Checklist Data (Use separte sheet if needed):

All items shall be answered in a legible format. If an item does not apply it must be identified as "not applicable" or "this does not apply to the scope of this work."

All original signatures must be acquired and submitted with this document.

This document serves as a scope of work for the identified project. It should be indicated for every item exactly how this particular issue will be implemented and how this meets KETS standards. Do not turn in a replication of the Building Wiring Explanation but in your own words describe the implementation and any deviation with justification.

1. Statement addressing KETS standards:

2. Plenum Cable Required?

3. Maximum CAT 5 UTP Cable lengths for this project:

4. Backbone Distribution Data, Voice, Video:

5. Horizontal and Vertical Distribution for Data, Voice and Video Cabling:

6. Horizontal/Vertical Distribution:

7. Ceiling and Under Floor Distribution:

8. Riser Access:

9. Main Feeders:

10. Building to Building (Campus) UTP or Fiber wiring:

11. Date Lines to a Room:

12. Floor Conduit Size:

13. Drilling through walls or support structures:

14. Power considerations:

15. EMI considerations:

16. Distribution Frame (DF) Characteristics:

17. Distribution Frame Equipment:

18. Distribution Frame Room:

19. Mounting Equipment:

20. Connect Block:

21. Block Alignment:

22. Cable labeling:

23. Testing Activities:

24. Documentation:

25. Qualified Designers:

Signatures:

I verify the above data is valid to the best of my ability:

Design contractor _____ **Date** _____

Printed name _____

CIO _____ **Date** _____

Printed name _____

KRE review _____ **Date** _____

OET review _____ **Date** _____